

Title (en)
Non-anticoagulant desulfated heparins as medicaments

Title (de)
Nicht-antikoagulierende desulfatierte Heparine als Medikamente

Title (fr)
Héparines désulfatées non anticoagulantes en tant que médicaments

Publication
EP 1164145 A2 20011219 (EN)

Application
EP 01115601 A 19930723

Priority
• EP 93918338 A 19930723
• US 91930992 A 19920724

Abstract (en)
A method and medicament for the inhibition of neutrophil elastase and cathepsin G in mammals comprising administering a treatment effective amount of 2-O-desulfated heparin to a mammal in need thereof. The medicament preferably is administered by aerosolization or by intravenous (IV) injection. In specific embodiments of the invention, the ratio of 2-O-desulfated heparin to elastase is greater than about 0.2 and less than about 2.0, or the ratio of 2-O-desulfated heparin to cathepsin G is greater than about 0.4 and less than about 2.0. Preferably, the 2-O desulfated heparin medicament includes a physiologically acceptable carrier which may be selected from the group consisting of physiologically buffered saline, normal saline, and distilled water.

IPC 1-7
C08B 37/10; **C08B 37/00**; **A61K 31/715**; **A61K 31/727**; **A61P 11/00**; **A61P 9/10**

IPC 8 full level
A61P 11/00 (2006.01); **C08B 37/10** (2006.01); **A61K 31/715** (2006.01); **A61K 31/727** (2006.01); **A61P 9/06** (2006.01); **A61P 9/10** (2006.01); **A61P 29/00** (2006.01); **C08B 37/00** (2006.01)

CPC (source: EP)
A61K 31/715 (2013.01); **A61K 31/727** (2013.01); **A61P 9/06** (2018.01); **A61P 9/10** (2018.01); **A61P 11/00** (2018.01); **A61P 29/00** (2018.01); **C08B 37/0075** (2013.01)

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9402107 A2 19940203; **WO 9402107 A3 19940511**; AT E213636 T1 20020315; AT E380047 T1 20071215; AU 4782493 A 19940214; AU 688272 B2 19980312; CA 2140890 A1 19940203; CA 2140890 C 20031007; DE 69331633 D1 20020404; DE 69331633 T2 20021031; DE 69334190 D1 20080117; DE 69334190 T2 20081127; DK 0651645 T3 20020610; DK 1164145 T3 20080414; EP 0651645 A1 19950510; EP 0651645 B1 20020227; EP 1164145 A2 20011219; EP 1164145 A3 20020130; EP 1164145 B1 20071205; ES 2173893 T3 20021101; ES 2295087 T3 20080416; JP H08511764 A 19961210; PT 1164145 E 20080317

DOCDB simple family (application)
US 9306933 W 19930723; AT 01115601 T 19930723; AT 93918338 T 19930723; AU 4782493 A 19930723; CA 2140890 A 19930723; DE 69331633 T 19930723; DE 69334190 T 19930723; DK 01115601 T 19930723; DK 93918338 T 19930723; EP 01115601 A 19930723; EP 93918338 A 19930723; ES 01115601 T 19930723; ES 93918338 T 19930723; JP 50470894 A 19930723; PT 01115601 T 19930723